

# How to convert PDF to JSON from uploaded file for PDF to JSON API in PowerShell using PDF.co Web API

Learn how to convert PDF to JSON from uploaded file to have PDF to JSON API in PowerShell

These source code samples are listed and grouped by their programming language and functions they use. PDF.co Web API was made to help with PDF to JSON API in PowerShell. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

You will save a lot of time on writing and testing code as you may just take the code below and use it in your application. Open your PowerShell project and simply copy & paste the code and then run your app! Further enhancement of the code will make it more vigorous.

Trial version of ByteScout is available for free download from our website. This and other source code samples for PowerShell and other programming languages are available.

PowerShell - ConvertPdfToJsonFromUploadedFile.ps1

```
# The authentication key (API Key).
# Get your own by registering at https://app.pdf.co/documentation/api
$API_KEY = "*****"

# Source PDF file
$SourceFile = ".\sample.pdf"
# Comma-separated list of page indices (or ranges) to process. Leave empty for all
pages. Example: '0,2-5,7-'.
$Pages = ""
# PDF document password. Leave empty for unprotected documents.
$Password = ""
# Destination JSON file name
$DestinationFile = ".\result.json"

# 1. RETRIEVE THE PRESIGNED URL TO UPLOAD THE FILE.
# * If you already have a direct file URL, skip to the step 3.

# Prepare URL for `Get Presigned URL` API call
$query = "https://api.pdf.co/v1/file/upload/get-presigned-url?
contenttype=application/octet-stream&name=" + `
[System.IO.Path]::GetFileName($SourceFile)
$query = [System.Uri]::EscapeUriString($query)
```

```

try {
    # Execute request
    $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" = $API_KEY
} -Uri $query

    if ($jsonResponse.error -eq $false) {
        # Get URL to use for the file upload
        $uploadUrl = $jsonResponse.presignedUrl
        # Get URL of uploaded file to use with later API calls
        $uploadedFileUrl = $jsonResponse.url

        # 2. UPLOAD THE FILE TO CLOUD.

        $r = Invoke-WebRequest -Method Put -Headers @{ "x-api-key" = $API_KEY;
"content-type" = "application/octet-stream" } -InFile $SourceFile -Uri $uploadUrl

        if ($r.StatusCode -eq 200) {

            # 3. CONVERT UPLOADED PDF FILE TO JSON

            # Prepare URL for `PDF To JSON` API call
            $query = "https://api.pdf.co/v1/pdf/convert/to/json?name={0}&password=
{1}&pages={2}&url={3}" -f `
                $(Split-Path $DestinationFile -Leaf), $Password, $Pages,
                $uploadedFileUrl
            $query = [System.Uri]::EscapeUriString($query)

            # Execute request
            $jsonResponse = Invoke-RestMethod -Method Get -Headers @{ "x-api-key" =
$API_KEY } -Uri $query

            if ($jsonResponse.error -eq $false) {
                # Get URL of generated JSON file
                $resultFileUrl = $jsonResponse.url;

                # Download JSON file
                Invoke-WebRequest -Headers @{ "x-api-key" = $API_KEY } -OutFile
                $DestinationFile -Uri $resultFileUrl

                Write-Host "Generated JSON file saved as `"$($DestinationFile)`"
file."
            }
            else {
                # Display service reported error
                Write-Host $jsonResponse.message
            }
        }
        else {
            # Display request error status
            Write-Host $r.StatusCode + " " + $r.StatusDescription
        }
    }
    else {
        # Display service reported error
        Write-Host $jsonResponse.message
    }
}
catch {
    # Display request error
    Write-Host $_.Exception
}

```

```
}
```

PowerShell - run.bat

```
@echo off  
  
powershell -NoProfile -ExecutionPolicy Bypass -Command "&  
.\\ConvertPdfToJsonFromUploadedFile.ps1"  
echo Script finished with errorlevel=%errorlevel%  
  
pause
```

---

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about PDF.co Web API](#)

[Explore documentation](#)

[Visit www.ByteScout.com](#)

or

[Get Your Free API Key for www.PDF.co Web API](#)